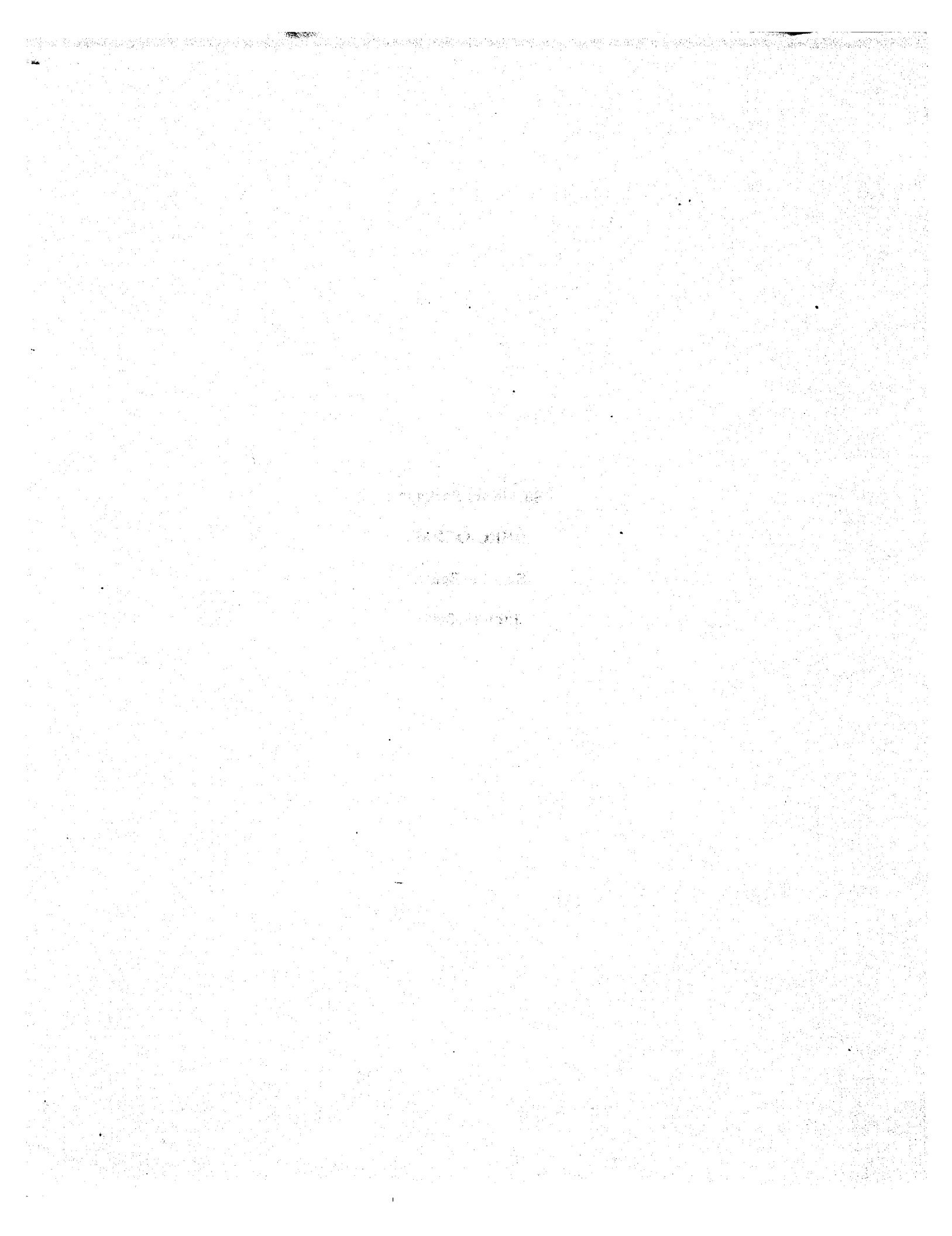


Surveyors Package

DHEC-OCRM

Debidue Beach

June 10, 2000



Introduction

The 1990 Beachfront Management Act defines the method by which beachfront jurisdiction is established by the South Carolina Department of Health and Environmental Control, Office of Ocean and Coastal Resource Management (OCRM). The Beachfront Management Act requires that all shorelines be classified as inlet zones or standard zones. Inlet zones are further subdivided into stabilized inlet zones or unstabilized inlet zones.

In unstabilized inlet zones, the baseline is located at the most landward position of the shoreline in the past 40 years, unless the best available scientific and historical data of the inlet and adjacent beaches indicate that the shoreline is unlikely to return to its former position. In standard zones and stabilized inlet zones, the baseline is located at the crest of the primary oceanfront sand dune. If there is no primary dune, the baseline is established based on the volume of sand on the active beach profile at each survey monument.

The position of the setback line is determined by the local long-term erosion rate. In erosional areas, the setback line is located landward of the baseline a distance equal to 40 times the annual erosion rate. In stable or accretional areas, the setback line is located 20 feet landward of the baseline.

All original baselines and setback lines became final on July 3rd, 1991. The Beachfront Management Act calls for all lines to be revised between July 1998 and July 2000, and then once every eight to 10 years after each preceding revision. Once a line is adopted as final, it will not change unless OCRM moves it as the result of a successful legal appeal of the line position or following a successful beach renourishment project. The date on which the new lines for this particular area were adopted as final is listed on the front cover.

Section 48-39-330 of the Beachfront Management Act reads as follows:

Thirty days after the initial adoption by the Department of setback lines, a contract of sale or transfer of real property located in whole or in part seaward of the setback line or the jurisdictional line must contain a disclosure statement that the property is or may be affected by the setback line, baseline, and the seaward corners of all habitable structures referenced to the South Carolina State Plane Coordinate System (N.A.D.-1983) and include the local erosion rate most recently made available by the Department for that particular standard zone or inlet zone as applicable. Language reasonably calculated to call attention to the existence of baselines, setback lines, jurisdictional lines, and the seaward corners of all habitable structures and the erosion rate complies with this section. The provisions of this section are regulatory in nature and do not affect the legality of an instrument violating the provisions.

As a result, surveyors have been called upon to transfer the OCRM baseline and setback lines to individual plats and to locate these lines in the field. OCRM has undertaken several steps to facilitate this task, as described below.

Orthophotographs

Orthophotographs, which are aerial photographs with the distortion removed at ground level, have been produced for all developed beaches in the state. These maps are to national map accuracy standards, and are depicted in the South Carolina State Plane Coordinate System (NAD 83). The maps are based on July 1993 photography, are at a scale of 1"=100', and have the beach lines drawn on them. Copies of these maps are available for review in the appropriate OCRM office and municipal or county office. Copies are available for sale at Duncan-Parnell, Inc., 3150 W. Montague Ave., North Charleston, SC, 29419, phone 843-747-6033.

Digitized Lines

OCRM has digitized the location of the baseline and setback line for all islands where such lines have been established. These digital line coordinates are listed as northings and eastings in the South Carolina State Plane Coordinate System (NAD 83), in units of international feet. They are provided in order to avoid having different surveyors obtain slightly different results when digitizing or scaling off the orthophotographs. Appendix 1 gives the line coordinates for this area.

Beach Survey Monuments

In 1987, OCRM installed a network of beach survey monuments along most of South Carolina's shoreline. Over time, additional monuments have been added to the network to replace ones that have been destroyed. In general, the replacement monument is along the same shore-perpendicular line as the original monument but farther landward. Replacement monuments are stamped with the letter "B" (or the letter "C" for a third-generation monument). For example, monument 4220 was replaced with 4220B. These monuments are located horizontally in the South Carolina State Plane Coordinate System (NAD 83), and are vertically referenced to 1929 NGVD. Description sheets for all monuments in this are given in Appendix 2. In some cases, the monument's coordinates are given in meters. To convert to international feet, divide by 0.3048.

Local Erosion Rates

OCRM has conducted studies of the long-term erosion rates at all survey monument locations. These rates were used to establish the location of the setback line, and must also be given on individual plats. In erosional areas the exact rate was determined. In stable or accretional areas no specific number was determined, and the shoreline is officially classified as "stable to accretional" or S/A. Local erosion rates for the area covered by this report are given in Appendix 3.

Plat Review Requirements

In order to receive a permit from OCRM for many activities seaward of the setback line, the applicant must submit a plat in state plane coordinates with specific information shown on it. The following is a list of the required information:

1. Monuments used to reference the survey.
2. Line coordinates used to establish the baseline and setback line.
3. Coordinates of the property corners.
4. Coordinates of the corners of any habitable structures on the property.
5. Distance between the seaward structure corners and the baseline and setback line.
6. Footprint of all structures on the property.
7. Location of the crest and trough of the primary oceanfront sand dune.
8. Local erosion rate.

Appendix 1

Line Coordinates

This appendix contains a listing of OCRM baseline and setback line coordinates, given as northings and eastings in international feet referenced to the South Carolina State Plane Coordinate System (NAD 83). Coordinates are listed as one continuous line that begins at one end of the island or beach and extends to the other. There are separate listings for the baseline and the setback line.

Debidue Beach Baseline

**DHEC-OCRM BASELINE COORDINATES
DEBIDUE BEACH
VALID AS OF 06/10/2000
STATE-PLANE COORDINATE SYSTEM, NAD 1983
INTERNATIONAL FEET**

NORTHING	EASTING
555764.49	2563316.03
555858.19	2563350.95
555951.90	2563385.88
555991.58	2563400.67
556087.77	2563428.00
556173.25	2563452.28
556272.13	2563467.18
556323.95	2563474.99
556420.74	2563500.11
556517.54	2563525.23
556526.12	2563527.46
556623.35	2563550.82
556708.94	2563571.39
556805.72	2563596.58
556882.26	2563616.50
556978.60	2563643.29
557074.95	2563670.08
557104.26	2563678.23
557201.64	2563700.95
557282.33	2563719.78
557380.21	2563740.25
557463.96	2563757.77
557561.44	2563780.10
557658.91	2563802.42
557676.46	2563806.44
557790.42	2563823.06
557905.57	2563842.05
558049.22	2563861.05
558148.00	2563876.61
558245.10	2563891.91
558344.82	2563899.37
558419.60	2563904.97
558519.13	2563914.65
558590.55	2563921.59
558690.04	2563931.71
558789.52	2563941.83
558800.67	2563942.96
558900.10	2563953.59
558989.43	2563963.14
559088.81	2563974.26
559159.19	2563982.14
559269.59	2563995.20
559344.38	2563999.94
559402.55	2564005.88
559488.03	2564022.50
559562.82	2564041.49
559604.63	2564050.42
559664.26	2564055.68
559713.94	2564060.36
559790.52	2564067.37

Debidue Beach Baseline

559839.63	2564072.63
559909.19	2564080.82
559969.98	2564085.49
560041.88	2564092.51
560081.63	2564096.60
560139.50	2564100.69
560192.70	2564106.54
560248.82	2564112.38
560303.77	2564121.15
560375.08	2564134.60
560446.40	2564146.29
560545.04	2564162.71
560643.68	2564179.14
560742.33	2564195.56
560840.97	2564211.99
560939.61	2564228.41
561038.25	2564244.83
561136.89	2564261.26
561235.54	2564277.68
561334.18	2564294.11
561432.82	2564310.53
561531.46	2564326.96
561630.10	2564343.38
561725.36	2564359.24
561824.25	2564374.08
561923.14	2564388.93
562022.04	2564403.77
562120.93	2564418.62
562219.82	2564433.46
562318.71	2564448.30
562417.61	2564463.15
562516.50	2564477.99
562615.39	2564492.83
562714.28	2564507.68
562813.17	2564522.52
562912.07	2564537.37
563010.96	2564552.21
563109.85	2564567.05
563162.59	2564574.97
563261.83	2564587.29
563361.07	2564599.61
563460.30	2564611.93
563559.54	2564624.25
563658.78	2564636.57
563758.02	2564648.89
563857.26	2564661.21
563956.49	2564673.54
564055.73	2564685.86
564154.97	2564698.18
564254.21	2564710.50
564353.45	2564722.82
564452.69	2564735.14
564551.92	2564747.46
564651.16	2564759.78
564750.40	2564772.10
564840.52	2564783.29
564895.52	2564792.18

Debidue Beach Baseline

564932.51	2564798.91
564966.99	2564802.27
565011.55	2564806.47
565060.31	2564815.72
565101.51	2564821.61
565141.87	2564830.02
565177.18	2564837.58
565230.15	2564850.19
565285.64	2564860.28
565341.13	2564867.85
565390.74	2564872.05
565447.07	2564886.35
565504.24	2564897.28
565591.69	2564915.77
565618.59	2564923.34
565689.22	2564935.11
565722.85	2564941.84
565799.36	2564955.29
565871.67	2564969.58
565931.36	2564975.81
566006.19	2564977.06
566077.66	2564975.47
566137.35	2564983.88
566200.41	2564995.65
566256.74	2565003.22
566324.00	2565021.71
566375.29	2565036.01
566413.97	2565045.25
566491.32	2565051.14
566577.08	2565058.71
566647.71	2565078.89
566699.83	2565091.50
566766.26	2565101.59
566825.11	2565122.61
566888.17	2565136.06
566964.68	2565157.92
567034.46	2565181.46
567106.77	2565200.80
567184.96	2565205.00
567308.56	2565226.02
567349.76	2565240.32
567406.93	2565257.13
567445.61	2565263.02
567491.85	2565273.95
567539.77	2565288.24
567584.33	2565300.01
567616.28	2565312.62
567651.60	2565322.71
567708.77	2565332.80
567783.07	2565353.93
567834.57	2565372.84
567904.99	2565384.40
567969.10	2565402.27
568007.98	2565411.73
568055.28	2565425.39
568118.33	2565440.11
568160.37	2565451.67

Debidue Beach Baseline

568204.51	2565461.13
568280.18	2565477.94
568380.03	2565503.16
568451.49	2565525.24
568518.76	2565549.41
568575.51	2565567.27
568629.11	2565581.99
568695.32	2565601.96
568751.02	2565625.08
568833.00	2565645.05
568881.34	2565655.56
568957.01	2565675.52
569011.66	2565690.24
569066.31	2565703.90
569136.73	2565728.07
569194.53	2565742.79
569260.74	2565764.86
569320.65	2565774.32
569379.50	2565792.18
569433.10	2565801.64
569475.14	2565804.79
569523.49	2565839.48
569569.73	2565854.19
569648.55	2565878.36
569695.85	2565889.92
569737.89	2565902.54
569805.15	2565923.55
569857.70	2565931.96
569897.64	2565955.08
569931.27	2565967.70
569973.31	2565982.41
570016.40	2565991.87
570091.07	2566100.14
570129.13	2566116.74
570181.84	2566136.26
570234.54	2566151.87
570276.51	2566164.56
570306.76	2566174.32
570332.14	2566185.05
570362.39	2566194.81
570389.72	2566206.53
570417.05	2566216.29
570444.38	2566225.07
570475.61	2566232.88
570508.79	2566243.61
570551.73	2566256.30
570580.04	2566265.08
570610.29	2566273.87
570647.38	2566285.58
570688.37	2566295.34
570723.50	2566303.15
570766.45	2566320.71
570798.65	2566331.45
570831.84	2566343.16
570864.04	2566352.92
570922.60	2566376.35
570947.00	2566385.13

Debidue Beach Baseline

570976.28	2566394.89
571009.47	2566403.67
571039.72	2566414.41
571095.35	2566437.83
571136.34	2566452.47
571165.62	2566463.21
571197.83	2566473.94
571235.89	2566491.51
571271.03	2566502.25
571301.28	2566514.93
571322.75	2566523.72
571345.20	2566532.50
571373.50	2566542.26
571401.81	2566552.02
571428.16	2566562.76
571456.46	2566574.47
571498.43	2566593.01
571548.20	2566613.51
571570.65	2566623.27
571642.87	2566675.97
571695.43	2566705.63
571752.64	2566720.35
571804.95	2566760.80
571842.55	2566771.02
571919.38	2566794.72
571992.53	2566841.31
572066.90	2566875.64
572123.30	2566896.07
572146.59	2566916.50
572185.41	2566923.04
572214.84	2566929.58
572255.29	2566932.44
572291.26	2566938.16
572327.22	2566954.51
572357.46	2566972.49
572384.02	2566992.10
572440.42	2567011.31
572481.18	2567003.30
572529.17	2566983.98
572577.78	2566976.50
572613.93	2566974.01
572656.93	2566974.64
572693.08	2566969.03
572723.62	2566965.29
572764.13	2566957.81
572810.87	2566952.82
572850.76	2566944.10
572883.17	2566939.11
572931.16	2566939.11
572984.34	2566945.11
573006.00	2566933.26
573029.30	2566918.14
573048.09	2566900.56
573069.34	2566896.48
573091.00	2566886.26
573156.39	2566868.28
573199.30	2566866.65

Debidue Beach Baseline

573245.89	2566861.33
573279.80	2566862.97
573341.10	2566867.87
573398.72	2566881.77
573436.73	2566904.24
573482.09	2566928.35
573495.58	2566934.89
573510.29	2566939.39
573525.82	2566954.51
573546.25	2566968.81
573575.67	2566974.53
573607.96	2566988.43
573648.82	2567013.76
573673.34	2567026.84
573709.31	2567046.86
573747.72	2567061.99
573794.31	2567080.78
573830.68	2567085.69
573871.95	2567096.31
573889.12	2567102.03
573926.30	2567122.47
573995.78	2567141.67
574017.84	2567146.58
574072.60	2567157.20
574143.71	2567189.90
574266.72	2567223.41
574350.90	2567245.07
574379.92	2567249.56
574405.25	2567245.88
574437.54	2567245.88
574463.28	2567250.79
574500.47	2567238.94
574530.30	2567263.05
574556.46	2567284.30
574593.24	2567302.28
574626.75	2567319.03
574665.16	2567332.52
574703.58	2567348.05
574724.65	2567354.18
574758.34	2567363.99
574801.25	2567372.16
574864.44	2567392.20
574889.37	2567415.26
574914.30	2567423.99
574947.95	2567435.21
574977.24	2567442.69
575018.38	2567454.53
575043.31	2567463.25
575074.47	2567481.33
575096.91	2567495.66
575121.83	2567506.88
575146.14	2567519.34
575177.93	2567536.17
575207.22	2567549.26
575245.86	2567569.83
575280.76	2567593.51
575315.66	2567616.57

Debidue Beach Baseline

575341.21	2567627.79
575358.66	2567649.60
575394.81	2567670.17
575457.76	2567708.81

END

Debidue Beach Setback Line

**DHEC-OCRM SETBACK LINE COORDINATES
DEBIDUE BEACH
VALID AS OF 06/10/2000
STATE-PLANE COORDINATE SYSTEM, NAD 1983
INTERNATIONAL FEET**

NORTHING	EASTING
555864.93	2562894.36
555959.51	2562926.84
556054.09	2562959.31
556148.67	2562991.79
556243.25	2563024.27
556261.04	2563030.38
556358.06	2563054.63
556455.07	2563078.88
556552.09	2563103.13
556649.10	2563127.37
556746.12	2563151.62
556843.13	2563175.87
556940.15	2563200.12
557037.16	2563224.37
557134.18	2563248.62
557231.20	2563272.87
557328.21	2563297.11
557425.23	2563321.36
557522.24	2563345.61
557619.26	2563369.86
557716.27	2563394.11
557813.29	2563418.36
557856.67	2563429.20
557955.54	2563444.19
558054.41	2563459.18
558153.28	2563474.17
558252.15	2563489.16
558351.02	2563504.16
558449.89	2563519.15
558548.76	2563534.14
558647.63	2563549.13
558746.50	2563564.12
558845.37	2563579.11
558944.24	2563594.10
559043.11	2563609.09
559141.98	2563624.08
559240.85	2563639.08
559339.72	2563654.07
559438.59	2563669.06
559537.46	2563684.05
559608.50	2563694.82
559706.79	2563713.22
559805.09	2563731.61
559903.38	2563750.01
560001.67	2563768.40
560099.97	2563786.80
560198.26	2563805.19
560296.55	2563823.59
560394.85	2563841.98
560493.14	2563860.38

Debidue Beach Setback Line

560591.43	2563878.77
560689.73	2563897.17
560788.02	2563915.56
560886.32	2563933.96
560984.61	2563952.35
561082.90	2563970.75
561181.20	2563989.15
561279.49	2564007.54
561377.78	2564025.94
561476.08	2564044.33
561574.37	2564062.73
561672.66	2564081.12
561761.03	2564097.66
561857.28	2564124.77
561953.54	2564151.89
562049.79	2564179.00
562146.05	2564206.12
562242.30	2564233.23
562338.55	2564260.34
562434.81	2564287.46
562531.06	2564314.57
562627.32	2564341.68
562723.57	2564368.80
562819.82	2564395.91
562916.08	2564423.03
563012.33	2564450.14
563108.59	2564477.25
563173.36	2564495.50
563272.13	2564511.12
563370.91	2564526.73
563469.68	2564542.35
563568.45	2564557.96
563667.23	2564573.58
563766.00	2564589.20
563864.77	2564604.81
563963.55	2564620.43
564062.32	2564636.04
564161.09	2564651.66
564259.87	2564667.28
564358.64	2564682.89
564457.41	2564698.51
564556.18	2564714.12
564654.96	2564729.74
564753.73	2564745.36
564852.50	2564760.97
564951.28	2564776.59
565012.65	2564786.29
565111.12	2564803.73
565209.59	2564821.16
565308.05	2564838.60
565378.69	2564851.11
565395.66	2564852.67
565451.41	2564866.82
565508.00	2564877.63
565595.82	2564896.21
565622.95	2564903.79
565692.50	2564915.38

Debidue Beach Setback Line

565726.54	2564922.18
565802.82	2564935.59
565871.67	2564949.20
565927.49	2564938.19
565931.36	2564937.81
565933.81	2564937.96
566008.58	2564947.21
566079.99	2564955.61
566140.14	2564964.07
566203.58	2564975.89
566259.41	2564983.39
566329.31	2565002.43
566380.30	2565016.64
566417.07	2565025.43
566492.84	2565031.20
566578.84	2565038.78
566582.57	2565039.48
566652.81	2565059.54
566703.69	2565071.85
566769.26	2565081.81
566772.04	2565082.59
566830.58	2565103.32
566892.34	2565116.50
566970.17	2565138.69
567040.25	2565162.31
567109.93	2565180.94
567186.04	2565185.03
567311.91	2565206.31
567314.27	2565206.99
567355.86	2565221.26
567411.28	2565237.56
567448.61	2565243.24
567496.45	2565254.48
567545.19	2565268.98
567589.44	2565280.67
567591.54	2565281.38
567622.72	2565293.66
567656.09	2565303.20
567712.25	2565313.11
567788.54	2565334.69
567839.69	2565353.42
567908.23	2565364.67
567974.15	2565382.92
568012.71	2565392.30
568060.33	2565406.03
568122.88	2565420.63
568165.12	2565432.23
568208.71	2565441.57
568284.52	2565458.42
568384.93	2565483.77
568457.40	2565506.13
568525.14	2565530.45
568581.16	2565548.09
568634.40	2565562.70
568701.09	2565582.81
568757.26	2565606.01
568837.49	2565625.56

Debidue Beach Setback Line

568885.59	2565636.01
568962.12	2565656.19
569016.69	2565670.88
569071.17	2565684.50
569142.45	2565708.89
569199.47	2565723.41
569265.50	2565745.36
569323.77	2565754.56
569384.16	2565772.70
569435.60	2565781.77
569476.64	2565784.85
569482.80	2565786.32
569486.80	2565788.54
569532.57	2565821.38
569575.70	2565835.10
569653.87	2565859.07
569700.60	2565870.50
569743.63	2565883.38
569809.74	2565904.03
569860.86	2565912.21
569865.35	2565913.48
569867.72	2565914.65
569906.22	2565936.94
569938.08	2565948.89
569978.77	2565963.13
570020.68	2565972.33
570024.05	2565973.39
570030.54	2565977.73
570032.86	2565980.51
570104.30	2566084.09
570136.61	2566098.18
570188.16	2566117.27
570240.22	2566132.69
570282.29	2566145.41
570312.90	2566155.28
570339.12	2566166.29
570368.53	2566175.78
570397.03	2566187.90
570423.47	2566197.34
570449.87	2566205.83
570480.46	2566213.47
570514.70	2566224.50
570557.40	2566237.12
570585.79	2566245.93
570615.87	2566254.66
570652.71	2566266.29
570692.85	2566275.85
570727.84	2566283.62
570731.01	2566284.62
570773.40	2566301.95
570804.98	2566312.48
570838.07	2566324.15
570869.84	2566333.78
570929.71	2566357.65
570953.55	2566366.23
570982.01	2566375.72
571014.58	2566384.34

Debidue Beach Setback Line

571046.41	2566395.56
571102.60	2566419.18
571143.07	2566433.64
571172.23	2566444.33
571204.15	2566454.97
571243.04	2566472.78
571276.87	2566483.12
571308.94	2566496.46
571330.18	2566505.15
571352.11	2566513.73
571380.02	2566523.35
571408.33	2566533.11
571435.70	2566544.23
571464.11	2566555.99
571506.28	2566574.62
571555.82	2566595.01
571578.63	2566604.93
571582.44	2566607.11
571653.72	2566659.13
571702.96	2566686.92
571757.62	2566700.98
571760.30	2566701.87
571764.88	2566704.53
571814.04	2566742.55
571847.79	2566751.72
571925.27	2566775.61
571930.12	2566777.85
572002.13	2566823.72
572074.51	2566857.12
572130.11	2566877.27
572136.49	2566881.03
572155.51	2566897.72
572188.73	2566903.32
572217.73	2566909.73
572256.70	2566912.49
572294.40	2566918.41
572298.91	2566919.68
572335.49	2566936.30
572367.68	2566955.30
572393.41	2566974.17
572441.81	2566990.66
572475.47	2566984.04
572521.70	2566965.43
572526.13	2566964.22
572574.74	2566956.74
572612.55	2566954.06
572655.53	2566954.61
572690.01	2566949.26
572720.59	2566945.51
572760.50	2566938.14
572807.66	2566933.05
572846.49	2566924.56
572880.13	2566919.34
572883.17	2566919.11
572931.16	2566919.11
572933.40	2566919.24
572980.30	2566924.53

Debidue Beach Setback Line

572995.74	2566916.07
573016.93	2566902.32
573034.44	2566885.95
573040.44	2566882.09
573044.32	2566880.92
573063.09	2566877.31
573082.47	2566868.17
573085.70	2566866.98
573151.09	2566849.00
573154.57	2566848.53
573197.78	2566846.69
573243.62	2566841.46
573245.89	2566841.33
573280.77	2566842.99
573342.70	2566847.94
573345.79	2566848.43
573403.41	2566862.32
573406.38	2566863.29
573408.91	2566864.55
573446.52	2566886.80
573491.15	2566910.52
573502.91	2566916.22
573516.13	2566920.26
573524.24	2566925.06
573538.61	2566939.05
573554.24	2566949.99
573579.49	2566954.90
573583.33	2566956.05
573615.86	2566970.06
573618.50	2566971.43
573658.81	2566996.42
573682.76	2567009.19
573717.87	2567028.74
573755.05	2567043.38
573799.47	2567061.30
573833.35	2567065.87
573876.94	2567076.94
573895.44	2567083.06
573933.89	2567103.81
574000.61	2567122.26
574021.92	2567127.00
574076.41	2567137.57
574080.26	2567138.73
574150.56	2567171.03
574271.84	2567204.07
574354.93	2567225.45
574380.01	2567229.34
574402.38	2567226.09
574405.25	2567225.88
574437.54	2567225.88
574441.28	2567226.24
574462.04	2567230.19
574494.40	2567219.88
574500.47	2567218.94
574508.13	2567220.46
574513.04	2567223.38
574542.88	2567247.49

Debidue Beach Setback Line

574567.30	2567267.33
574602.02	2567284.31
574634.56	2567300.58
574671.79	2567313.65
574710.13	2567329.13
574730.24	2567334.98
574763.01	2567344.52
574804.99	2567352.51
574870.49	2567373.14
574878.02	2567377.52
574899.90	2567397.76
574920.76	2567405.06
574953.59	2567416.01
574982.19	2567423.31
575023.91	2567435.31
575049.91	2567444.38
575053.34	2567445.95
575084.50	2567464.03
575106.44	2567478.02
575130.04	2567488.64
575155.27	2567501.55
575186.69	2567518.18
575215.38	2567531.00
575255.26	2567552.17
575291.89	2567576.89
575325.26	2567598.94
575349.25	2567609.47
575355.36	2567613.65
575371.89	2567634.11
575404.70	2567652.78
575467.01	2567691.02

END

□

Appendix 2

Monument Descriptions

This appendix contains descriptions of all OCRM beach survey monuments in the area.

DATE : JULY 1991

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4100 B 1990

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'12.3" SCALE FACTOR : 0.9998107

NORTHING : 551.022.15 FEET LAT : 33°20'02.54186

EASTING : 2,551,874.80 FEET LONG : 79°09'36.07834

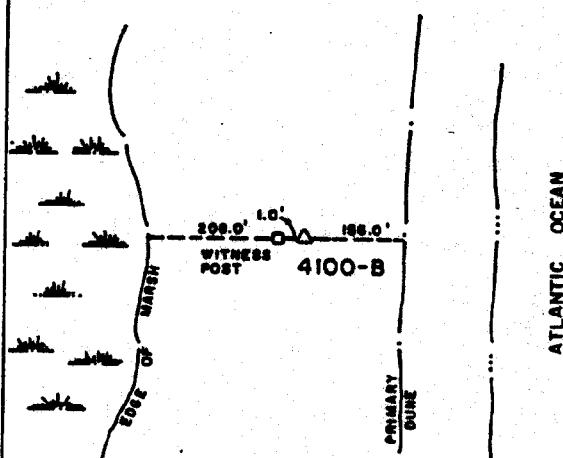
ELEVATION (NGVD 29) 9.69 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4100 B	018°32'02.69	N 17°30'50"E	5382.92 FEET

DESCRIPTION :

LOCATED IN DEBORDIEU. TO REACH FROM DEBORDIEU SOUTH BEACH ENTRANCE & ATLANTIC OCEAN. GO SOUTH 1.70 MI TO STATION ON RIGHT. ON NORTHWEST SIDE OF A LONG SAND DUNE. THE STATION IS LOCATED 303.5 FT WEST OF TIDE LINE, 173.6 FT WEST-SOUTHWEST OF A WOODEN POST SUPPORTING A WILDLIFE REFUGE SIGN, 9.2 FT NORTHWEST OF THE NORTHWEST SIDE OF A LONG SAND DUNE ABOUT 7-FT HIGH.
A STANDARD BRASS CAP FIXED ON A STAINLESS ROD ENCASED IN 4-IN PVC PIPE.

SKETCH :



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4115-B 1990

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'23.5" SCALE FACTOR : 0.9998093

NORTHING : 556,154.56 FEET

LAT : 33°20'53.1" 13440

EASTING : 2,563,494.52 FEET

LONG : 79°09'45.9" 09332

ELEVATION (NGVD 29) 8.20 FEET

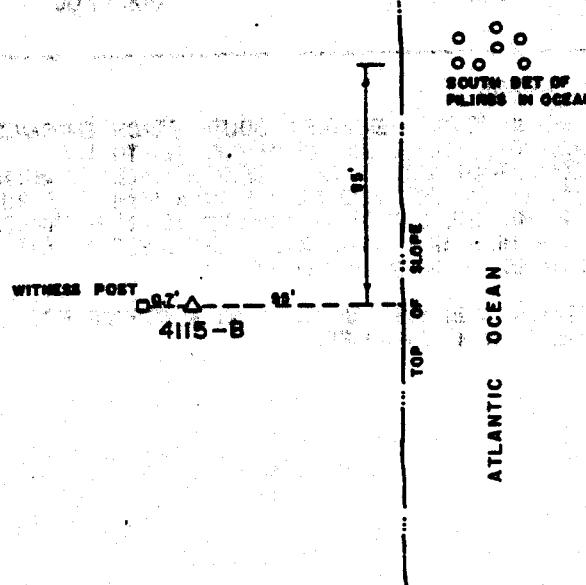
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4100 B	100°32'13.87	S 17°30'50" W	5382.93 FEET
4120 B	012°12'14.95	N 11°10'52" E	1668.25 FEET

DESCRIPTION :

TO REACH FROM DEBORDIEU, SOUTH BEACH ENTRANCE & ATLANTIC OCEAN, GO SOUTH 0.65 MI TO THE SECOND SOUTHWEST 1 OF 2 SETS OF PILINGS STANDING IN OCEAN ON LEFT AND STATION IN A SMALL CLEARING ON RIGHT. THE STATION IS LOCATED 106.0 FT NORTHWEST OF THE HIGH TIDE MARK, 51.2 FT SOUTHWEST OF THE SOUTHWEST 1 OF 2 OAK TREES.

A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH :



DATE: APRIL, 1995

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 4115 B 1990

STATE: SOUTH CAROLINA COUNTY: GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 1°01'23.5"

SCALE FACTOR: 0.9998093

NORTHING: 556.154.56 FEET

LONG: 33°20'53.13440"

EASTING: 2,563,494.52 FEET

LAT: 79°09'15.90633"

ELEVATION (NGVD 29): 8.20 FEET

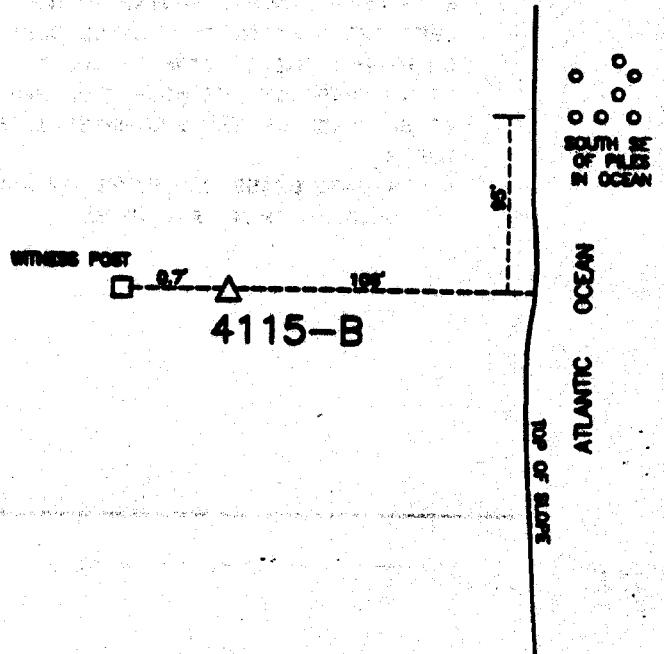
OBJECT	GEOGRAPHIC AZIMUTH	GRID BEARING	GRID DISTANCE
4100 B	198°32'14"	S 17°30'30" W	5382.93 FEET
4120 C	008°17'00"	N 07°15'45" E	1672.53 FEET

DESCRIPTION:

TO REACH FROM DEBORDIEU, SOUTH BEACH ENTRANCE & ATLANTIC OCEAN, GO SOUTH 0.65 MI. TO THE SECOND SOUTHWEST 1 OF 2 SETS OF PILES STANDING IN OCEAN ON LEFT AND STATION IN A SMALL CLEARING ON RIGHT. THE STATION IS LOCATED 106.0' NORTHWEST OF THE HIGH TIDE MARK, 51.2' SOUTHWEST OF THE SOUTHWEST 1 OF 2 OAK TREES

A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH:



DATE: DEC. 1998

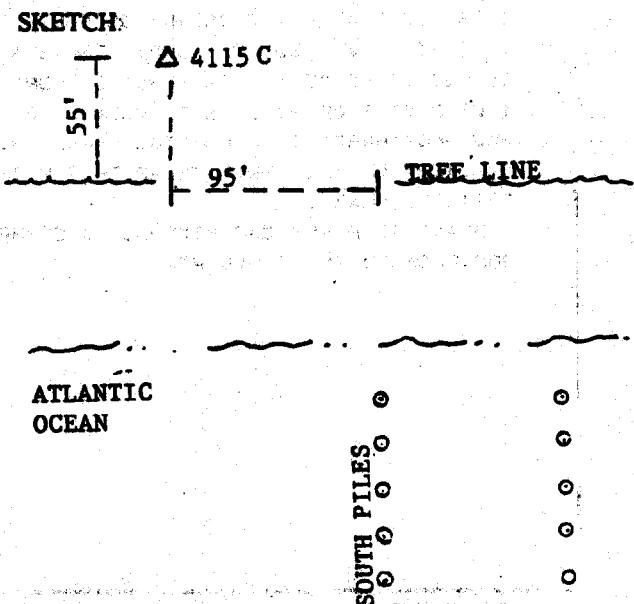
SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
OFFICE OF OCEAN AND COASTAL RESOURCE MANAGEMENT
CONTROL SURVEYS
SURFSIDE BEACH

PROJECT: OCRM BEACH MONUMENTATION STATION NO.: 4115-C
STATE: SOUTH CAROLINA COUNTY: GEOGETOWN
NAD 83 - SINGLE ZONE SPC - CONVERGENCE: P-01'-22.8" SCALE FACTOR: 0.9998093
NORTHING: 556122.86 FEET LAT: N. 33°-20'-53.33390"
EASTING: 2563390.34 FEET LONG: W. 79°-09'-17.13264"
ELEVATION (NGVD 29): 7.19 FEET

OBJECT* (GPS)	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4120B	195°-49'-53"	N. 14°-48'-30" E.	1671.84 FEET
4120C	191°-54'-40"	N. 10°-53'-17" E.	1671.20 FEET

DESCRIPTION:

TO REACH FROM DEBORDIEU, SOUTH BEACH ENTRANCE AND ATLANTIC OCEAN. GO SOUTH 0.65 MILES TO THE SECOND SOUTHWEST 1 OF 2 SETS OF PILINGS STANDING IN OCEAN ON LEFT AND STATION IN A SMALL CLEARING ON RIGHT. THE STATION IS LOCATED 106 FEET NORTHWEST OF THE HIGH TIDE MARK APPROXIMATELY 55 FEET INTO THE WOOD LINE. THE STATION IS A ALUMINUM DISK FIXED INSIDE A 6" PVC PIPE.



DATE : JULY 1991

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4120 B 1990

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'25.8 SCALE FACTOR : 0.9998088

NORTHING : 557.788.87 FEET LAT : 33°21'09.24854

EASTING : 2,563,817.56 FEET LONG : 79°09'11.75594

ELEVATION (NGVD 29) 5.96 FEET

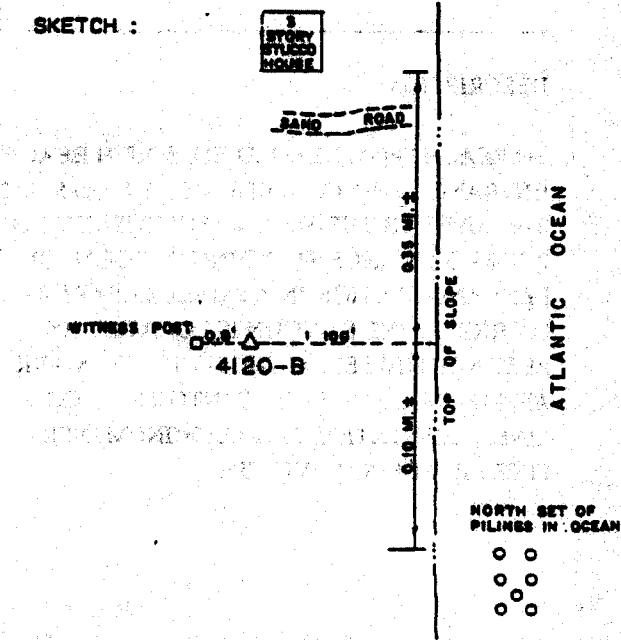
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4115 B	182°12'17.25	S 11°10'52"W	1666.25 FEET
4125 B	008°30'52.30	N 05°29'27"E	1838.54 FEET

DESCRIPTION :

TO REACH FROM DEBORDIEU, SOUTH BEACH ENTRANCE & ATLANTIC OCEAN, GO SOUTH 0.35 MI TO STATION ON RIGHT. THE STATION IS LOCATED 0.05 MI NORTHEAST OF NORTHEAST 1 OF 2 SETS OF PILINGS IN OCEAN, 125.7 FT WEST-NORTHWEST OF HIGH TIDE MARK, 33.5 FT NORTHEAST OF A 14 INCH CEDAR TREE WITH TRIANGLE BLAZE.

A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH :



DATE: APRIL, 1995

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 4120 C 1995

STATE: SOUTH CAROLINA COUNTY: GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 1°01'25.1" SCALE FACTOR: 0.9998088

NORTHING: 557,813.67 FEET

LONG: 33°21'09.51174"

EASTING: 2,563,705.95 FEET

LAT: 79°09'13.08642"

ELEVATION (NGVD 29): 6.53 FEET

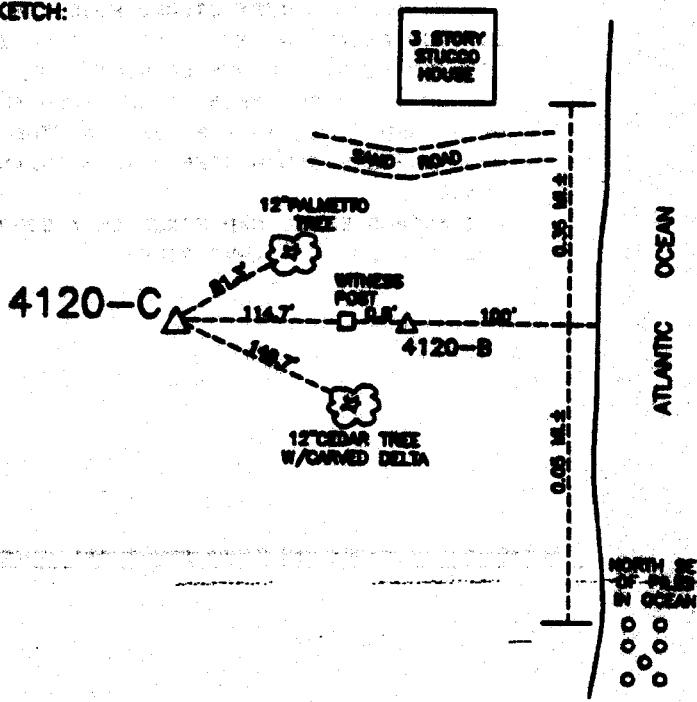
OBJECT	GEOGRAPHIC AZIMUTH	GRID BEARING	GRID DISTANCE
4115 B	188°17'10"	S 07°15'45"W	1672.53 FEET
4125 C	006°11'28"	N 05°10'03"E	1727.91 FEET

DESCRIPTION:

TO REACH FROM DEBORDIEU, SOUTH BEACH ENTRANCE & ATLANTIC OCEAN, GO SOUTH 0.35 MI. TO STATION ON RIGHT. THE STATION IS LOCATED 0.05 MI. NORTHEAST OF NORTHEAST 1 OF 2 SETS OF PILINGS IN OCEAN, 125.7' WEST-NORTHWEST OF HIGH TIDE MARK, 33.5' NORTHWEST OF A 14" CEDAR TREE WITH TRIANGLE BLAZE.

A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH:



DATE : JULY 1991

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4125 B 1990

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'27".1 SCALE FACTOR : 0.9998084

NORTHING : 559 518.63 FEET

LAT : 33°21'27".31855

EASTING : 2 583 893.44 FEET

LONG : 79°09'09".29679

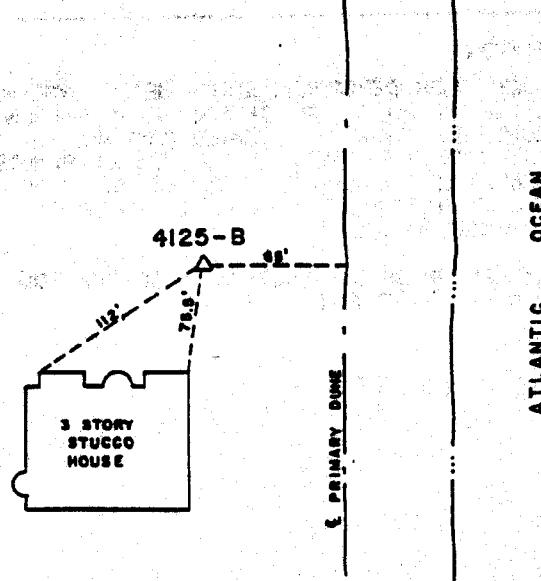
ELEVATION (NGVD 29) 7.42 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4120 B	186°30'53".86	S 05°29'27"W	1838.54 FEET
4130 B	098°45'39".84	N 07°44'13"E	2137.41 FEET

DESCRIPTION :

TO REACH FROM DEBORDIEU, SOUTH BEACH ENTRANCE & ATLANTIC OCEAN, GO SOUTH 0.2 MI TO A 3 STORY STUCCO HOUSE AND STATION AHEAD ON LEFT. THE STATION IS LOCATED 75.5 FT NORTH OF NORTHEAST CORNER OF HOUSE. 68.6 FT WEST-NORTHWEST OF A SAND DUNE. 17.4 FT EAST-NORTHEAST OF A 12-INCH CEDAR TREE WITH A TRIANGLE BLAZE.
A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH :



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 4125 C 1995

STATE: SOUTH CAROLINA COUNTY: GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 1°01'26.3"

SCALE FACTOR: 0.9998084

NORTHING: 559 534.55 FEET

LONG: 35°21'26.51007"

EASTING: 2 563 881.58 FEET

LAT: 79°09'10.86911"

ELEVATION (NGVD 29): 8.32 FEET

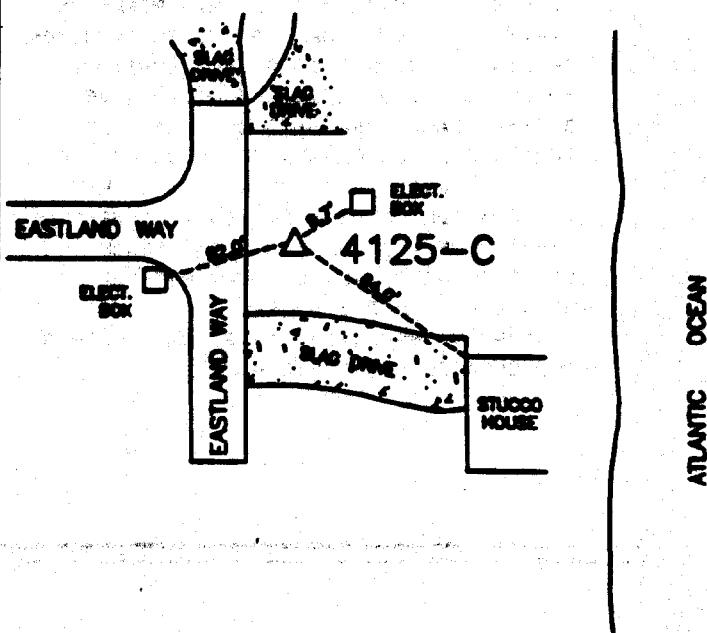
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4120 C	186°11'29"	S 05°10'03"W	1727.91 FEET
4130 C	007°47'50"	N 05°46'23"E	2228.08 FEET

DESCRIPTION:

TO REACH FROM DEBORDIEU, SOUTH BEACH
ENTRANCE & ATLANTIC OCEAN, GO SOUTH 0.2 MI. TO
A 3 STORY STUCCO HOUSE AND STATION AHEAD
ON LEFT.

A STANDARD BRASS CAP FIXED ON 2" PVC PIPE
SET INSIDE OF 6" PVC PIPE SURROUNDED BY
CONCRETE.

SKETCH:



DATE : JULY 1991

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4130 B 1990

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'29".3 SCALE FACTOR : 0.9998078

NORTHING : 561 736.17 FEET

LAT : 33°21'48"21791

EASTING : 2 564 281.14 FEET

LONG : 79°09'05"45845

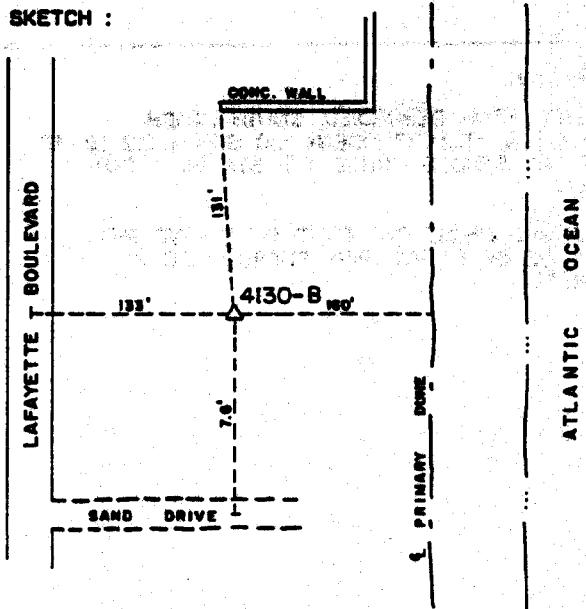
ELEVATION (NGVD 29) 11.05 FEET

OBJECT	GEOGRAPHIC AZIMUTH	GRID BEARING	GRID DISTANCE
4129 B	188°45'41".97	S 07°44'13"W	2137.41 FEET
4140 B	358°02'13".09	N 02°59'16"W	1471.58 FEET

DESCRIPTION :

TO REACH FROM DEBORDIEU BEACH CLUB AT INTERSECTION OF ENTRANCE ROAD TO BEACH CLUB & LAFAYETTE BLVD., BEAR RIGHT ON LAFAYETTE BLVD. FOR 0.90 MI TO JUNCTION OF DUNES OAKS RUN ON RIGHT. CONTINUE AHEAD FOR 0.10 MI TO PAVED CROSSOVER BETWEEN LANES AND SAND DRIVEWAY LEFT. TURN LEFT, SOUTHEAST, FOR 0.03 MI ALONG SAND DRIVEWAY TO STATION ON THE LEFT. THE STATION IS LOCATED 160.4 FT WEST OF THE TOP OF A SAND DUNE ALONG BEACH. 85.47 FT NORTHWEST OF NORTHWEST CORNER OF A SINGLE STORY HOUSE. A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH :



DATE: APRIL, 1995

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 4130 C 1995

STATE: SOUTH CAROLINA COUNTY: GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 1°01'28.3"

SCALE FACTOR: 0.9998078

NORTHING: 561,747.09 FEET

LONG: 35°21'48.35364"

EASTING: 2,584,124.36 FEET

LAT: 79°09'07.30460"

ELEVATION (NGVD 29): 8.34 FEET

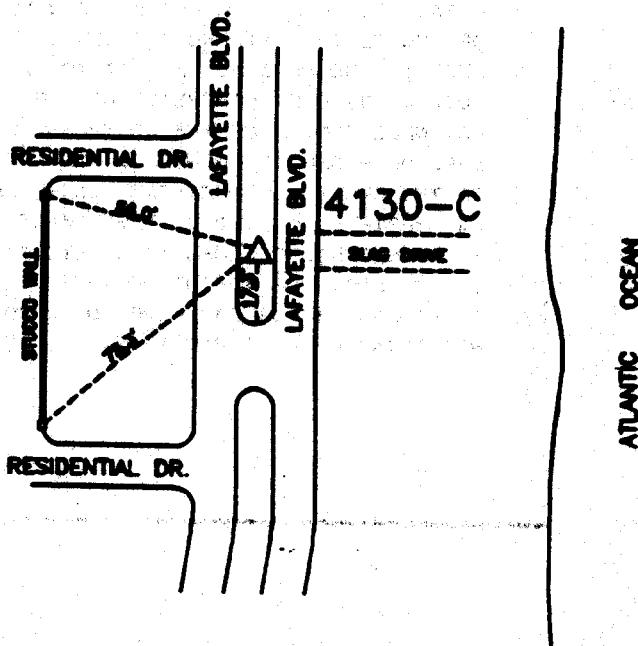
OBJECT	GEOGRAPHIC AZIMUTH	GRID BEARING	GRID DISTANCE
4125 C	187°47'32"	S 08°48'23"W	2228.08 FEET
4140 B	004°10'04"	N 03°08'38"E	1460.58 FEET

DESCRIPTION:

TO REACH FROM DEBORDIEU BEACH CLUB AT
INTERSECTION OF ENTRANCE ROAD TO BEACH CLUB
& LAFAYETTE BLVD., BEAR RIGHT ON LAFAYETTE
OF BLVD. FOR 0.90 MI. TO JUNCTION
DUNES OAKS RUN ON RIGHT, CONTINUE AHEAD
FOR 0.10 MI. TO PAVED CROSSOVER BETWEEN LANES
AND SLAG DRIVEWAY ON LEFT AND STATION BETWEEN
LANES IN GRASS MEDIAN.

A STANDARD BRASS CAP FIXED ON 2" PVC PIPE
SET INSIDE OF 6" PVC PIPE SURROUNDED BY
CONCRETE.

SKETCH:



DATE : JULY 1991

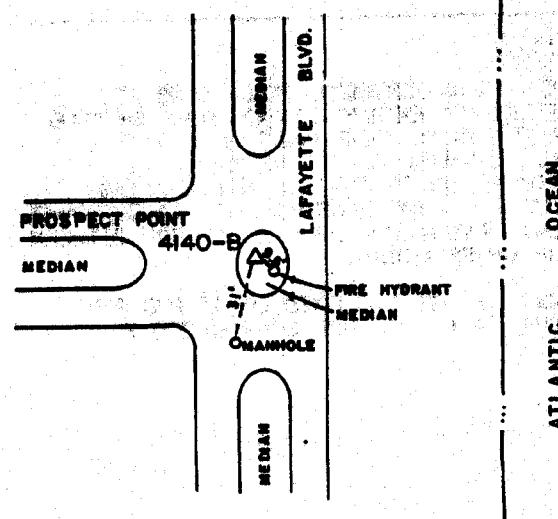
**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 4140-B 1990
STATE : SOUTH CAROLINA COUNTY : GEORGETOWN
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'28.9 SCALE FACTOR : 0.9998075
NORTHING : 563.205.47 FEET LAT : 33°22'02.76822
EASTING : 2,564.204.45 FEET LONG : 79°09'08.05279
ELEVATION (NGVD 29) 10.00 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4130 B	178°02'12.77	S 02°59'16"E	1471.58 FEET
4150 B	010°11'57.48	N 08°10'28"E	2257.67 FEET

DESCRIPTION :
TO REACH FROM DEBORDIEU BEACH CLUB AT
INTERSECTION OF ENTRANCE ROAD TO BEACH
CLUB & LAFAYETTE BLVD.. BEAR RIGHT ON
LAFAYETTE BLVD. FOR 0.7 MI TO JUNCTION
OF PROSPECT POINT AND STATION ON THE
LEFT IN THE MEDIAN. THE STATION IS
LOCATED 31.5 FT NORTHEAST OF THE
EXTENDED CENTER OF THE SOUTHEAST BOUND
LANE OF PROSPECT POINT, 30.8 FT NORTHWEST
OF THE CENTER OF NORTHEAST BOUND LANES OF
LAFAYETTE BLVD.. 22.0 FT SOUTHEAST OF THE
SOUTHWEST BOUND LANES OF LAFAYETTE BLVD..
9.5 FT NORTH OF A FIRE HYDRANT.
A STANDARD BRASS CAP FIXED ON A COPPER
ROD ENCASED IN 4" PVC PIPE.

SKETCH :



DATE: APRIL, 1995

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU

PROJECT: SCCC SURVEY MONUMENTATION

STATION NO.: SCCC 4140 B 1990

STATE: SOUTH CAROLINA COUNTY: GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGENCE: 1°01'28.9"

SCALE FACTOR: 0.9998075

NORTHING: 563 205.47 FEET

LONG: 33°22'02.76522"

EASTING: 2 584 204.45 FEET

LAT: 79°09'06.05279"

ELEVATION (NGVD 29): 10.00 FEET

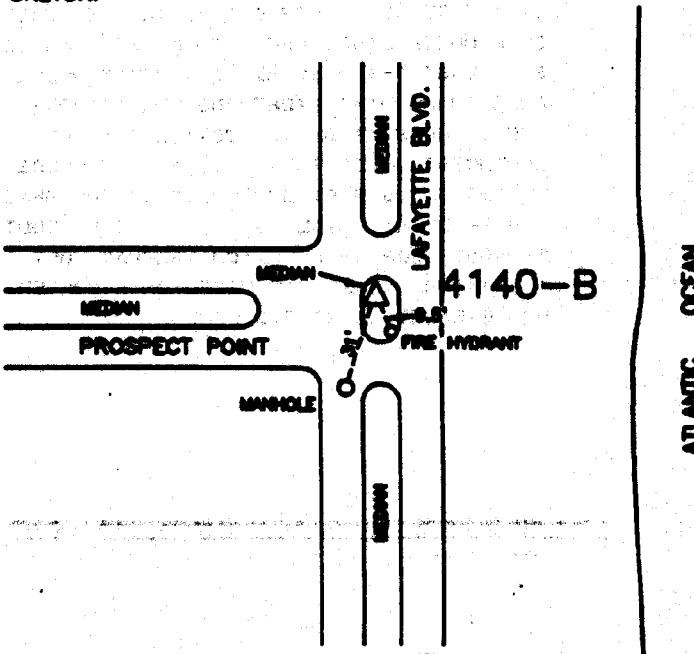
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4130 C	184°10'04"	S 03°08'36"W	1460.58 FEET
4150 B	010°11'57"	N 08°10'28"E	2257.67 FEET

DESCRIPTION:

TO REACH FROM DEBORDIEU BEACH CLUB AT INTERSECTION OF ENTRANCE ROAD TO BEACH CLUB & LAFAYETTE BLVD., BEAR RIGHT ON LAFAYETTE BLVD. FOR 0.7 MI. TO JUNCTION OF PROSPECT POINT AND STATION ON THE LEFT IN THE MEDIAN. THE STATION IS LOCATED 31.5' NORTHEAST OF THE EXTENDED CENTER OF THE SOUTHEAST BOUND LANE OF PROSPECT POINT, 30.8' NORTHWEST OF THE CENTER OF NORTHEAST BOUND LANES OF LAFAYETTE BLVD., 22.0' SOUTHEAST OF THE SOUTHWEST BOUND LANES OF LAFAYETTE BLVD., 9.5' NORTH OF A FIRE HYDRANT.

A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH:



DATE : JULY 1991

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4150 B 1990

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'31".5 SCALE FACTOR : 0.9998069

NORTHING : 565 433.83 FEET LAT : 33°22'24"75113

EASTING : 2 564 564.34 FEET

LONG : 79°09'01"33895

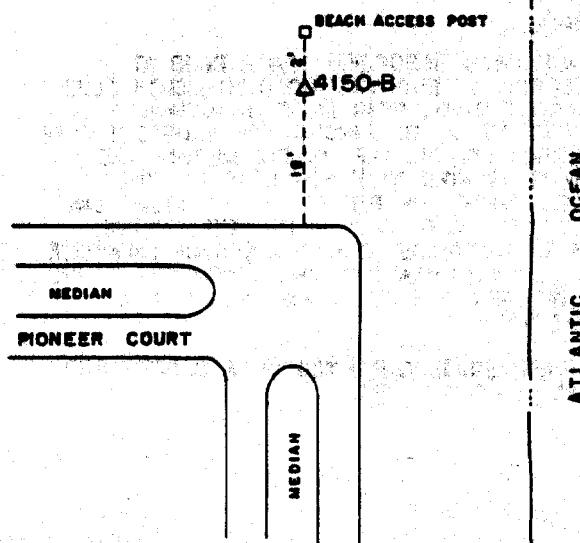
ELEVATION (NGVD 29) 8.92 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4140 B	190°11'59".80	S 08°10'28"W	2257.67 FEET
4150 B	014°08'44".47	N 13°07'13"E	2400.81 FEET

DESCRIPTION :

TO REACH FROM DEBORDIEU BEACH CLUB AT INTERSECTION OF ENTRANCE ROAD TO BEACH CLUB & LAFAYETTE BLVD., BEAR RIGHT ON LAFAYETTE BLVD. FOR 0.2 MI TO THE JUNCTION OF PIONEER COURT LEFT. TURN LEFT AND GO SOUTHEAST FOR 0.10 MI TO A POINT WHERE ROAD TURNS HARD RIGHT AND STATION ON LEFT. THE STATION IS LOCATED 77.1 FT SOUTHWEST OF SOUTHEAST CORNER OF HOUSE NUMBER 3. 20.3 FT SOUTHWEST OF SOUTHWEST CORNER OF HIGH VOLTAGE BOX. 1.6 FT SOUTH OF SOUTH CORNER OF BEACH WALKWAY POST. A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH :



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4150 B 1990

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'35".4 SCALE FACTOR : 0.9998063

NORTHING : 567.771.52 FEET LAT : 33°22'47"78288

EASTING : 2,565,109.21 FEET LONG : 79°08'54"42004

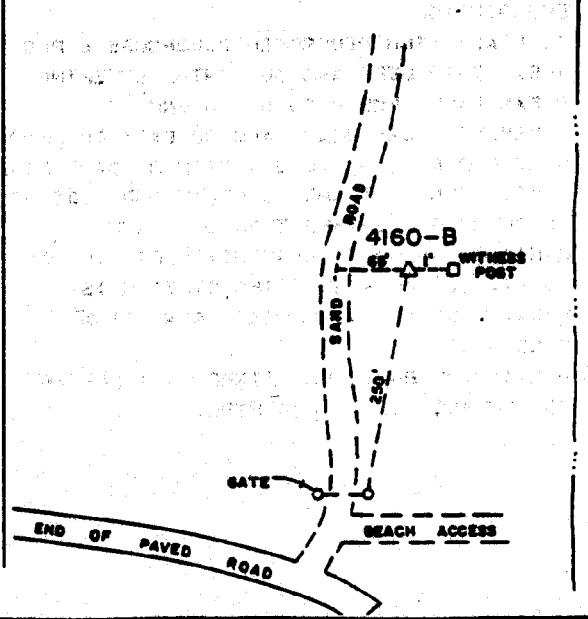
ELEVATION (NGVD 29) 7.92 FEET

OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4150 B	194°08'48".31	S 13°07'13"E	2400.81 FEET
4170 B	021°26'57".79	N 20°25'22"E	2140.95 FEET

DESCRIPTION :

TO REACH FROM DEBORDIEU CLUBHOUSE & POOL AREA, TURN LEFT AND GO NORTH, ENTERING OCEAN PARK. FOR 0.20 MI TO END OF PAVEMENT. TURN RIGHT AND GO EAST ON SAND ROAD FOR 0.09 MI TO THE JUNCTION OF SAND ROAD LEFT. TURN LEFT AND GO NORTH FOR 0.05 MI TO CHAIN GATE. PASS THRU GATE AND CONTINUE AHEAD ON SAND ROAD FOR 0.05 MI TO STATION ON RIGHT IN A SMALL CLEARING. A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH :



DATE : JULY 1991

**SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU**

PROJECT : SCCC SURVEY MONUMENTATION

STATION NO. : SCCC 4170 B 1990

STATE : SOUTH CAROLINA COUNTY : GEORGETOWN

NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'40".5 SCALE FACTOR : 0.9998059

NORTHING : 569 777.51 FEET

LAT : 33°23'07".49590

EASTING : 2 565 856.15 FEET

LONG : 79°08'45".18726

ELEVATION (NGVD 29) 14.51 FEET

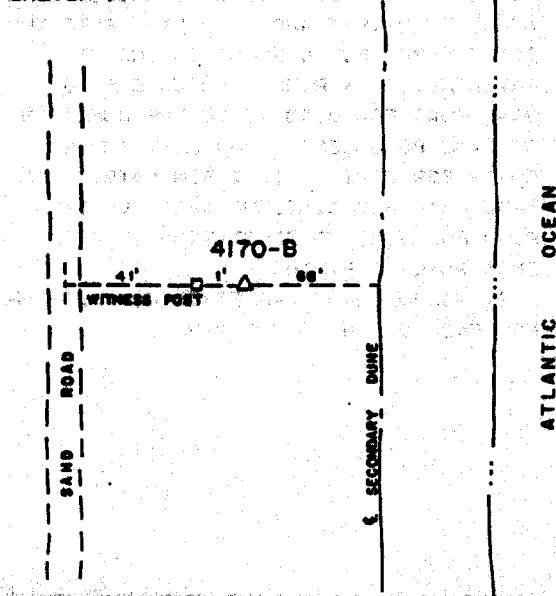
OBJECT	GEODETIC AZIMUTH	GRID BEARING	GRID DISTANCE
4160 B	201°27'02".91	S 20°25'22"W	2140.95 FEET
4180	021°30'07".60	N 20°28'27"E	2041.56 FEET

DESCRIPTION :

TO REACH FROM DEBORDIEU CLUBHOUSE & POOL AREA. TURN LEFT AND GO NORTH, ENTERING OCEAN PARK. FOR 0.20 MI TO END OF PAVEMENT. TURN RIGHT AND GO EAST ON SAND ROAD FOR 0.09 MI TO JUNCTION OF SAND ROAD LEFT. TURN LEFT AND GO NORTH FOR 0.05 MI TO CHAIN GATE. PASS THRU GATE AND CONTINUE AHEAD ON SAND ROAD FOR 0.5 MI TO STATION ON RIGHT. THE STATION IS LOCATED 66.6 FT. NORTHWEST FROM TOP OF SAND DUNE.

A STANDARD BRASS CAP FIXED ON A COPPER ROD ENCASED IN 4" PVC PIPE.

SKETCH :



DATE : JULY 1991

SOUTH CAROLINA COASTAL COUNCIL
CONTROL SURVEYS
DEBORDIEU

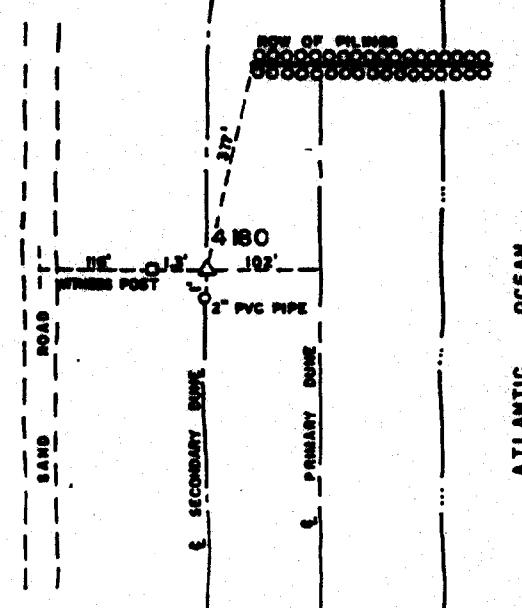
PROJECT : SCCC SURVEY MONUMENTATION STATION NO. : SCCC 41BD 1987
STATE : SOUTH CAROLINA COUNTY : GEOGETOWN
NAD 83 - SINGLE ZONE SPC - CONVERGANCE : 1°01'45"4 SCALE FACTOR : 0.9998054
NORTHING : 571.889.73 FEET LAT : 33°23'26.28892
EASTING : 2.566.570.11 FEET LONG : 79°08'36.36195
ELEVATION (NGVD 29) 21.03 FEET

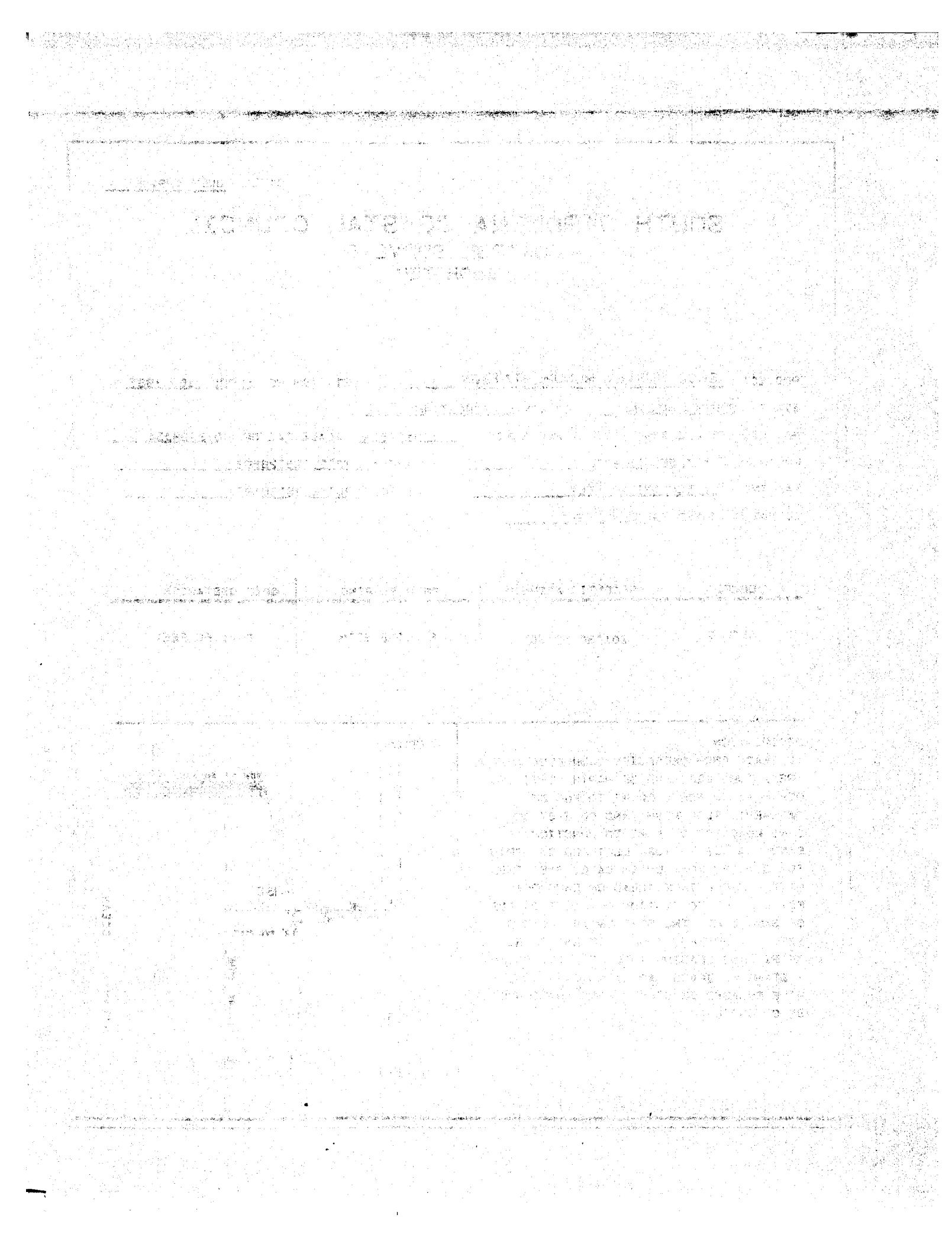
OBJECT	GEOGRAPHIC AZIMUTH	GRID BEARING	GRID DISTANCE
4170 B	201°30'12".49	S 20°28'27"W	2041.56 FEET

DESCRIPTION :

TO REACH FROM DEBORDIEU CLUBHOUSE & POOL AREA, TURN LEFT AND GO NORTH, ENTERING OCEAN PARK, FOR 0.20 MI TO END OF PAVEMENT. TURN RIGHT AND GO EAST ON SAND ROAD FOR 0.09 MI TO JUNCTION OF SAND ROAD LEFT. TURN LEFT AND GO NORTH FOR 0.05 MI TO A CHAIN GATE. PASS THRU GATE AND CONTINUE AHEAD ON SAND ROAD FOR 0.85 MI TO STATION ON RIGHT ON TOP OF SAND DUNE. THE STATION IS LOCATED 377.3 FT SOUTHWEST OF WEST END OF ROW OF PILINGS LEADING INTO ATLANTIC OCEAN. A STANDARD BRASS CAP FIXED ON 2" PVC PIPE ENCASED IN 6" PVC PIPE SURROUNDED BY CONCRETE.

SKETCH :





Appendix 3
Long Term Shoreline Change Rates

The long-term erosion rates for monuments at Debidue Beach, expressed in units of feet per year, are listed below. S/A denotes a rate of Stable to Accretional.

Station	Rate
4115	-10.8
4120	-10.0
4125	-8.8
4130	-6.6
4140	-2.0
4150	S/A
4160	S/A
4170	S/A
4180	S/A

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other 100% of the time, we're gonna be talking about the

fisherman

fisherman